

DAT notes for 16 June 2011

Attendees: Angela Llaban, Francine Mejia, Edmund Yu and Reza Shahcheraghi (DWR), Geir Aasen and Julio Adib-Samii (DFG), Barb Byrne (NMFS), Tom Boardman (SLDMWA), Matt Moses (CCWD)

DFG & USFWS TRAP REPORT

Knight's Landing RST:

Flows are around 13,000 cfs, water temp about 70°F. Total catch from June 8-15 is zero.

Chinook monitoring data can be found at: <http://www.water.ca.gov/swp/operationscontrol/calfed/calfedmonitoring.cfm>

USFWS TRAWL & SEINE REPORT

Salmonids- USFWS Trawl and Seine Report for 06/05/2011 to 06/11/2011				
Species*	Chipps Is MWTR	Sacramento KDTR	Mossdale KDTR	Beach Seines
CHNF	341	101		54
CHNLF	0	0		0
CHNW	0	0		0
CHNS	1	0		0
CHN hatchery	45	2		2
SH wild	0	0		0
SH hatchery	0	0		1
*Species based on FL only; adipose clips indicates hatchery stock; non-adipose clip indicates in-river origin Field sampling seasons for all trawls and seines begins 1 August 2010 and ends 31 July 2011.				

Smelts and Others- USFWS Trawl and Seine Report for 06/05/2011 to 06/11/2011								
Species	Chipps Is		Sacramento		Mossdale		Beach Seine	
	#	Size Range	#	Size Range	#	Size Range	#	Size Range
DSM	1	76mm	0	-		-	1	26mm
LFS	0		0				0	
SPT	0		0				9801	
GST	0		0				0	
WST	0		0				0	

Note: Mossdale Trawls are being conducted by DFG Region 4. No data available for Mossdale trawl. Delta smelt was caught in the Liberty Island beach seine

DFG Mossdale trawl since April 4 to June 13 season total of non-marked Chinook 2,933. 6/6-6/13 total catch of non-clipped Chinook 24-200 fish/day. They are also catching ad-clip Chinook, which are most likely from Merced Hatchery.

SALVAGE REPORT

Salmonids - Salvage report for 06/06/2011 to 06/12/2011								
Species	CVP Adipose Clip Hatchery		CVP Non-Adipose Clip Wild		SWP Adipose Clip Hatchery		SWP Non-Adipose Clip Wild	
	Salvage	Loss	Salvage	Loss	Salvage	Loss	Salvage	Loss
CHNF	313	229	2151	1535	426	2010	1706	8023
Total to Date	647	469	5657	4062	835	3945	4726	22415
CHNLF	0	0	0	0	0	0	0	0
Total to Date	224	154	160	105	469	2009	36	152
CHNW	0	0	0	0	0	0	0	0
Total to Date	150	102	841	577	312	1347	861	3783
CHNS	17	13	255	184	56	270	292	1410
Total to Date	132	108	7591	6017	140	681	10014	46435
Sum of all Races to Date	1154	833	14250	10760	1756	7982	15637	72786
SH	24	-	9	-	36	-	60	-
Total to Date	241	-	149	-	573	-	523	-
*Species based on FL only; Adipose Clips indicates hatchery stock; Non-Adipose Clip indicates in-river origin								

Smelt and Others – Salvage report for 06/06/2011 to 06/12/2011		
Species	CVP Salvage	SWP Salvage
DSM	0	0
Total to Date	51	0
LFS	0	0
Total to Date	4	0
SPT	419,049	168,990
Total to Date	6,245,622	858,069
GST	48	0
Total to Date	48	2
WST	0	4
Total to Date	8	4

One post-larval delta smelt (18.5 mm FL) at SWP on 6/9/2011. No larval longfin smelt observed at either fish facility.

Combined season total loss of winter-run length non-clipped Chinook is 4,360. The 2% incidental take level is 6,640. The combined season total salvage for non-clipped steelhead is 672. The consultation criterion for non-clipped Steelhead is 3,000.

The green sturgeon salvage of 48 was extrapolated from a total of four green sturgeon.

SMELT MONITORING

20 mm survey data posted to <http://www.dfg.ca.gov/delta/projects.asp?ProjectID=20mm> .
Spring Kodiak Trawl data posted to <http://www.dfg.ca.gov/delta/projects.asp?ProjectID=SKT>.

SMELT WORKING GROUP

SWG was in a conference call during the DAT call. An update was sent after the call:

The group decided that conditions did not warrant a recommendation to the Service at this time. The group discussed the updated results from 20mm Survey #7, project operations, and hydrology (including OMR flow), as well as water temperature. CDFG reported on preliminary results from this week's summer townet survey. The group felt the distribution was favorable as was hydrology. The group felt there was a low risk for entrainment.

The service also requested advice from the group regarding the larval sampling at the salvage facilities in the Delta, as well as DWR's request to the Service to operate both Middle River and Grantline canal temporary ag barriers.

The group felt that the larval sampling could be discontinued after June 17 and that the temporary ag barriers could be operated with little risk of increased entrainment of delta smelt.

DOSS

There was no advice this week. DOSS provided an update on exceeding the steelhead OMR trigger for one day, which would require no operational changes since the current OMR flow is more positive than the -3,500 cfs flow requirement under Action IV.2.3. June 15 (Wednesday) is the last day for compliance with the OMR action; therefore, the action would only be met for one of the five days required. June 15 is also the last day for Action IV.2.2 (1:1 Vernalis inflow to export ratio).

Green sturgeon cumulative seasonal take is 50. The incidental take of green sturgeon is 74 salvage (10 year average of historical salvage) as listed in the NMFS BiOp. A subgroup has been convened to re-evaluate the incidental take limit.

OPERATIONS

Summary for June 16, 2011			
SWP		CVP	
Clifton Court (cfs)	6,680	Jones Pumping Plant (cfs)	3,000
Outflow (cfs)	43,300	American- Nimbus (cfs)	10,000
Oroville (cfs)	11,000	Keswick (cfs)	11,000
San Luis Total (TAF)	1,869	Goodwin (cfs)	
San Luis Share(TAF)	960	San Luis Share (TAF)	
X2 (Km)	58		
E/I (%)	16.0		
OMR (daily)	-3,569 (previous day)		
OMR 5 day (cfs)	-3,843		
OMR 14 day (cfs)	- 3,928		

Daily operations summary can be viewed at: <http://www.water.ca.gov/swp/operationscontrol/docs/delta/deltaops.pdf>